

GOAT ANTI-GLUR5 / GRIK1 ANTIBODY

SKU: EB08000



SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	GLUR5 GRIK1 glutamate receptor, ionotropic, kainate 1 EAA3 EEA3 GLR5 excitatory amino acid receptor 3
Accession ID	NP_000821.1; NP_783300.1
Blocking Peptide	EBP08000
Immunogen	Peptide with sequence QCKQTHPTNSTS, from the internal region (near the C Terminus) of the protein sequence according to NP_000821.1; NP_783300.1.
Product Comments	This antibody is expected to recognise both reported isoforms according to NP_000821.1 and NP_783300.1.
Peptide Sequence	QCKQTHPTNSTS
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Rat
Reactive Species	Human
Human Gene ID	2897
Mouse Gene ID	14805
Rat Gene ID	29559
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_medium.png
IHC Results	Paraffin embedded Human Brain (Cortex). Recommended concentration: 3.75µg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:8000.
Western Blot	Approx 150kDa band observed in Human Brain (Cerebellum and Cerebral Cortex) lysates (calculated MW of 104kDa according to NP_000821.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Christensen et al , J Neurosci. 2004 Oct 13;24(41):8986-93.; PMID: 15483117). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour. An additional very strong band of unknown identity was also consistently observed at 60kDa. This band was successfully blocked by incubation with the immunising peptide.

Application
Type Pep-ELISA, WB, IHC

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

